



American Cyanamid Company  
Wayne, NJ 07470

CERTIFIED MAIL  
Return Receipt Requested

December 9, 1980

Mr. Theodore M. Denning, Supervisor  
Region II-S, Field Operations Section  
Illinois Environmental Protection Agency  
1701 South First Street  
Maywood, IL 60153

EPA Region 5 Records Ctr.



288920

Dear Mr. Denning:

This letter summarizes the decisions of our December 4 meeting regarding our Joliet plant.

1. The two drainpipes along the north edge of the No. 1 impound (indicated as positions "B" and "C" on the attached diagram) were concrete sealed on October 20. The water softener backwash flow noted discharging to impound No. 1 via a small drainpipe (indicated as position "A" on the attached diagram) was diverted to impound No. 5 on October 2; this drainpipe was subsequently concrete sealed at its inlet and discharge ends on November 19 and 24, respectively. The culvert on Preston Utilities property (indicated as position "D" on the attached diagram) has been cleared and is now freeflowing; Cyanamid does not discharge to this culvert.
2. Cyanamid will visually inspect positions A through C once weekly to ascertain that there is no discharge; it will also inspect the creek water leaving the plant property (above position D) to ascertain that there is no sign of alum contamination. A log of the above visual inspections will be maintained on-site and will be available for review by IEPA personnel.
3. Cyanamid will initiate a sampling program during the spring of 1981 in Sugar Creek and the plant creek to determine the impact of storm water flow. This will be done by sampling Sugar Creek and the plant creek upstream and downstream of the Cyanamid plant during several heavy rains; the specific sampling points will be arranged between Mr. E. P. Stewart and Mr. F. Svaldi during a site visit to be conducted on December 8. Cyanamid will notify the IEPA prior to conducting the sampling so that state personnel can be present. Samples will be split, if requested by the state, and will be analyzed for pH, sulfate and aluminum and the flow will be estimated. In addition, visual observations of the turbidity and color of the flow in both creeks and the condition of the bottom of both creeks will be made.

C- EPS MAYWOOD  
ASTN PUANNESS

- FOSRU DWPC  
- OLPC AURORA  
- WCHL

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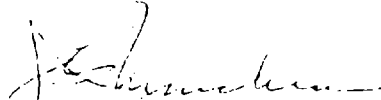
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4. Cyanamid will attempt to routinely maintain a minimum of two feet of free board in the active impoundments, i.e., Nos. 3 and 4. It is recognized, however, that this cannot be achieved until excavation of impound No. 4 is complete and the impound levels are adjusted.
5. Cyanamid and the IEPA will review and evaluate the necessity of permitting the active impoundments. In the interim, the IEPA will forward copies of operating permit application forms and instructions to Cyanamid and these will be taken under advisement.

This submission and any past or future correspondence on this matter shall not be wed to affect any liability or to waive or affect any rights.

Very truly yours,

AMERICAN CYANAMID COMPANY

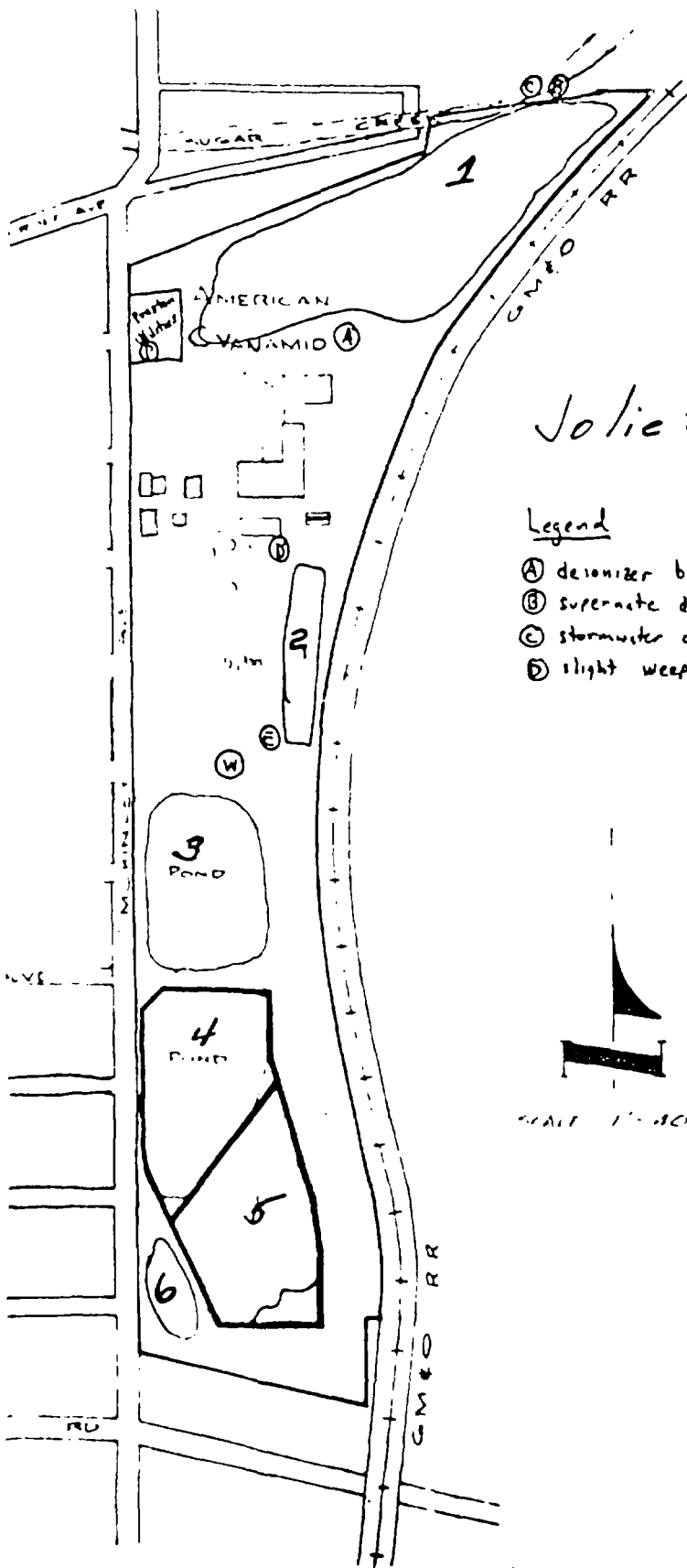


J. S. Marchese  
Manager of Manufacturing  
Industrial Products Department

JSM/ram  
1/7176F

Attachment

cc: E. P. Stewart - Joliet



## Joliet Impoundments.

### Legend

- (A) denonizer backwash drainpipe
- (B) supernate discharge pipe
- (C) stormwater overflow pipe
- (D) slight weeping in dike wall